

WHAT IS CLAIMED IS:

1. A system for processing a job, generated in an information processing apparatus, in a peripheral device, the system comprising:

5 request means for requesting, from the information processing apparatus to the peripheral device, information indicating a condition designatable in the job, as a start condition of the peripheral device for starting the processing of the job;

10 transmission means for transmitting, from the peripheral device to the information processing apparatus, information indicating a condition designatable as said start condition, in response to the request from the information processing apparatus;

15 display control means for displaying the condition designatable as said start condition, on a display unit of the information processing apparatus; and

20 command transmission means for transmitting, from the information processing apparatus to the peripheral device, a command for designating a condition selected among the conditions displayed on the display unit.

2. A system according to claim 1, wherein the condition designatable as said start condition includes  
25 a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit.

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3. A system according to claim 1, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a password input from the information processing apparatus or a password input from an operation unit and if the entered password is correct.

4. A system according to claim 1, wherein the condition designatable as said start condition includes at least one of a condition of starting the job processing in response to the reception of the job, a condition of starting the job processing at a designated absolute time, and a condition of starting the job processing after the lapse of a designated relative time.

5. A system according to claim 1, wherein said peripheral device is either of a printer, a scanner, a copying apparatus, a facsimile apparatus and a composite apparatus.

6. A method for processing a job, generated in an information processing apparatus, in a peripheral device, the method comprising steps of:

requesting, from the information processing apparatus to the peripheral device, information indicating a condition designatable in the job, as a

start condition of the peripheral device for starting the processing of the job;

transmitting, from the peripheral device to the information processing apparatus, information

5 indicating a designatable condition as said start condition, in response to the request from the information processing apparatus;

10 displaying the condition designatable as said start condition, on a display unit of the information processing apparatus; and

transmitting, from the information processing apparatus to the peripheral device, a command for designating a condition selected among the conditions displayed on the display unit.

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7. A method according to claim 6, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit.

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8. A method according to claim 6, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a password input from the information processing apparatus or a password input from an operation unit and if the entered password is correct.

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9. A method according to claim 6, wherein the condition designatable as said start condition includes at least one of a condition of starting the job processing in response to the reception of the job, a  
5 condition of starting the job processing at a designated absolute time, and a condition of starting the job processing after the lapse of a designated relative time.

10 10. A method according to claim 6, wherein said peripheral device is either of a printer, a scanner, a copying apparatus, a facsimile apparatus and a composite apparatus.

15 11. A peripheral device for processing a job received from an information processing apparatus, comprising:

memory means for storing a condition designatable in the job, as a start condition for starting the  
20 processing of the received job; and

transmission means for transmitting information indicating a designatable condition as said start condition to the information processing apparatus, in response to the request from the information processing  
25 apparatus.

12. A peripheral device according to claim 11,

further comprising:

job process means for receiving a control command indicating a condition designated as said start condition from the information processing apparatus and  
5 controlling the timing of processing the job from the information processing apparatus.

13. A peripheral device according to claim 11,  
wherein the condition designatable as said start  
10 condition includes a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit, or a condition of starting the  
job processing in response to a password input from the  
15 information processing apparatus or a password input from an operation unit and if the entered password is correct.

14. A peripheral device according to claim 13,  
20 further comprising:

holding means for holding a job for which designated is a condition for starting the job processing in response to a password input; and

job process means for discriminating, in response  
25 to a password input, whether the entered password is correct, and, in response to discrimination that the entered password is correct, starting the processing of

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the job held by said holding means.

15. A peripheral device according to claim 14,  
wherein said job process means compares the entered  
5 password and the password associated with the received  
job, and discriminates whether the entered password is  
correct, based on the result of comparison.

16. A peripheral device according to claim 14,  
10 wherein said transmission means transmits, to the  
information processing apparatus, information  
indicating the maximum length of the designatable  
password with respect to the condition of starting the  
job processing in response to the password input.

17. A peripheral device according to claim 11,  
wherein the condition designatable as said start  
condition includes at least one of a condition of  
starting the job processing in response to the  
20 reception of the job, a condition of starting the job  
processing at a designated absolute time, and a  
condition of starting the job processing after the  
lapse of a designated relative time.

18. A peripheral device according to claim 11,  
25 wherein said peripheral device is either of a printer,  
a scanner, a copying apparatus, a facsimile apparatus

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and a composite apparatus.

19. An information processing apparatus for  
generating a job and issuing the generated job to a  
5 peripheral device, comprising:

acquisition means for acquiring, from the  
peripheral device, information indicating a condition  
designatable in the generated job, as a start condition  
of the peripheral device for starting the processing of  
10 the job; and

display control means for displaying, on a display  
unit, the condition designatable as said start  
condition, based on said acquired information;

wherein transmitted is a command for designating a  
15 condition selected among the conditions displayed on  
the display unit.

20. An information processing apparatus according  
to claim 19, wherein a command for designating the  
20 selected condition is transmitted together with the job  
to the peripheral device.

21. An information processing apparatus according  
to claim 19, wherein the condition designatable as said  
25 start condition includes a condition of starting the  
job processing in response to a start command from the  
information processing apparatus or a start command

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from an operation unit, or a condition of starting the  
job processing in response to a password input from the  
information processing apparatus or a password input  
from an operation unit and if the entered password is  
5 correct.

22. An information processing apparatus according  
to claim 21, wherein said display control means  
displays, on the display unit, an input image for  
10 entering the password, in response to the selection of  
the condition of starting the job processing in  
response to the password input.

23. An information processing apparatus according  
15 to claim 19, wherein the condition designatable as said  
start condition includes at least one of a condition of  
starting the job processing in response to the  
reception of the job, a condition of starting the job  
processing at a designated absolute time, and a  
20 condition of starting the job processing after the  
lapse of a designated relative time.

24. An information processing apparatus according  
to claim 19, wherein said display control means is  
25 adapted, when a driver software for generating the job  
is activated, to display the condition designatable as  
said start condition on an image of said driver

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software.

25. An information processing apparatus according to claim 19, wherein:

5       said acquisition means acquires information indicating the condition designatable as said start condition from plural peripheral devices; and

10       said display control means displays, in response to the selection of condition, a peripheral device capable of designating the selected condition on the display unit.

26. An information processing apparatus according to claim 25, wherein a command designating the selected  
15       condition is transmitted to a selected peripheral device.

27. An information processing apparatus according to claim 19, wherein said peripheral device is either  
20       of a printer, a scanner, a copying apparatus, a facsimile apparatus and a composite apparatus.

28. A program for controlling an information processing apparatus for generating a job and issuing  
25       the generated job to a peripheral device, said program comprising the steps of:

acquiring, from the peripheral device, information

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indicating a condition designatable in the generated job, as a start condition of the peripheral device for starting the processing of the job;

displaying, on a display unit, the condition  
5 designatable as said start condition, based on said acquired information; and

transmitting a command for designating a condition selected among the conditions displayed on the display unit.

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29. A computer readable memory medium storing a program for controlling an information processing apparatus for generating a job and issuing the generated job to a peripheral device, said program  
15 comprising the steps of:

acquiring, from the peripheral device, information indicating a condition designatable in the generated job, as a start condition of the peripheral device for starting the processing of the job;

20 displaying, on a display unit, said condition designatable as said start condition, based on said acquired information; and

transmitting a command for designating a condition selected among the conditions displayed on the display  
25 unit.

30. A system for processing a job, generated in

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an information processing apparatus, in a peripheral device, the system comprising:

request means for requesting, from the information processing apparatus to the peripheral device,  
5 information indicating a mode designatable in the job, as a process mode of the peripheral device for processing the job;

transmission means for transmitting, from the peripheral device to the information processing  
10 apparatus, information indicating a mode designatable as said process mode, in response to the request from the information processing apparatus;

display control means for displaying an image for selecting the mode designatable as said process mode on  
15 a display unit of the information processing apparatus; and

transmission means for transmitting, from the information processing apparatus to the peripheral device, a command for assigning the job and designating  
20 a mode selected among the modes displayed on the display unit.

31. A system according to claim 30, wherein the mode designatable as the process mode includes at least  
25 one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a storage

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mode of storing the job in the peripheral device, and a guarantee mode of processing the job later in case the job cannot be processed completely.

5           32. A system according to claim 30, wherein the mode designatable as the process mode includes at least one of a mode of processing jobs in the order of assignment thereof and storing the job in the peripheral device, a mode of processing an interrupting  
10 job instead of other jobs and storing the job in the peripheral device, and a mode of processing jobs in the order of assignment thereof and processing the job later in case the job cannot be processed completely.

15           33. A system according to claim 31, wherein said display control means displays, in response to the selection of a mode involving the storage of the job in the peripheral device, an image for causing selection of plural storage areas in the peripheral device, on  
20 the display unit.

          34. A system according to claim 30, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a  
25 predetermined time from the job assignment.

          35. A method for processing a job, generated in

an information processing apparatus, in a peripheral device, the method comprising steps of:

requesting, from the information processing apparatus to the peripheral device, information  
5 indicating a mode designatable in the job, as a process mode of the peripheral device for processing the job;

transmitting, from the peripheral device to the information processing apparatus, information  
10 indicating a mode designatable as said process mode, in response to the request from the information processing apparatus;

displaying an image for selecting the mode designatable as said process mode on a display unit of the information processing apparatus; and

15 transmitting, from the information processing apparatus to the peripheral device, a command for assigning the job and designating a mode selected among the modes displayed on the display unit.

20 36. A method according to claim 35, wherein the mode designatable as the process mode includes at least one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a storage  
25 mode of storing the job in the peripheral device, and a guarantee mode of processing the job later in case the job cannot be processed completely.

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37. A method according to claim 35, wherein the mode designatable as the process mode includes at least one of a mode of processing jobs in the order of assignment thereof and storing the job in the peripheral device, a mode of processing an interrupting job instead of other jobs and storing the job in the peripheral device, and a mode of processing jobs in the order of assignment thereof and processing the job later in case the job cannot be processed completely.

38. A method according to claim 36, wherein said display control means displays, in response to the selection of a mode involving the storage of the job in the peripheral device, an image for causing selection of plural storage areas in the peripheral device, on the display unit.

39. A method according to claim 35, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a predetermined time from the job assignment.

40. A peripheral device capable of processing a job received from an information processing apparatus, comprising:

memory means for storing information indicating a mode designatable in the job, as the process mode of

the peripheral device for processing the job; and

transmission means for transmitting, to the  
information processing apparatus, information  
indicating a mode designatable as said process mode, in  
5 response to the request from the information processing  
apparatus.

41. A peripheral device according to claim 40,  
wherein the mode designatable as the process mode  
10 includes at least one of a normal mode of processing  
jobs in the order of assignment thereof, an  
interruption mode of processing an interrupting job  
instead of other jobs, a storage mode of storing the  
job in the peripheral device, and a guarantee mode of  
15 processing the job later in case the job cannot be  
processed completely.

42. A peripheral device according to claim 40,  
wherein the mode designatable as the process mode  
20 includes at least one of a mode of processing jobs in  
the order of assignment thereof and storing the job in  
the peripheral device, a mode of processing an  
interrupting job instead of other jobs and storing the  
job in the peripheral device, and a mode of processing  
25 jobs in the order of assignment thereof and processing  
the job later in case the job cannot be processed  
completely.

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43. A peripheral device according to claim 40,  
wherein the mode designatable as the process mode  
includes a deletion mode of deleting the job after the  
lapse of a predetermined time from the job assignment.

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44. An information processing apparatus for  
generating a job and issuing the generated job to a  
peripheral device, comprising:

means for acquiring, from the peripheral device,  
10 information indicating a mode designatable in the job,  
as a process mode of the peripheral device for  
processing the job;

display control means for displaying, based on the  
information acquired by said acquisition means, an  
15 image for selecting the mode designatable as said  
process mode on a display unit of the information  
processing apparatus; and

transmission means for transmitting, to the  
peripheral device, a command for assigning the job and  
20 designating a mode selected among the modes displayed  
on the display unit.

45. An apparatus according to claim 44, wherein  
the mode designatable as the process mode includes at  
25 least one of a normal mode of processing jobs in the  
order of assignment thereof, an interruption mode of  
processing an interrupting job instead of other jobs, a

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storage mode of storing the job in the peripheral device, and a guarantee mode of processing the job later in case the job cannot be processed completely.

5           46. An apparatus according to claim 44, wherein  
the mode designatable as the process mode includes at  
least one of a mode of processing jobs in the order of  
assignment thereof and storing the job in the  
peripheral device, a mode of processing an interrupting  
10 job instead of other jobs and storing the job in the  
peripheral device, and a mode of processing jobs in the  
order of assignment thereof and processing the job  
later in case the job cannot be processed completely.

15           47. An apparatus according to claim 44, wherein  
said display control means displays, in response to the  
selection of a mode involving the storage of the job in  
the peripheral device, an image for causing selection  
of plural storage areas in the peripheral device, on  
20 the display unit.

48. An apparatus according to claim 44, wherein  
the mode designatable as the process mode includes a  
deletion mode of deleting the job after the lapse of a  
25 predetermined time from the job assignment.

49. A program for controlling an information

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processing apparatus for generating a job and issuing the generated job to a peripheral device, said program comprising the steps of:

5 acquiring, from the peripheral device, information indicating a mode designatable in the job, as a process mode of the peripheral device for processing the job;

10 displaying, based on the acquired information, an image for selecting the mode designatable as said process mode on a display unit of the information processing apparatus; and

transmitting, to the peripheral device, a command for assigning the job and designating a mode selected among the modes displayed on the display unit.

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